ELSEVIER

Lipids and Lipid Metabolism
(including Lipids in Signalling and Recognition)
Vol. 1300, 1996

BBA Biochimica et Biophysica Acta

Cumulative Contents

Regular section

Announcement: New Subsection of Lipids & Lipids Metabolism vi

Information for Contributors vii

Short sequence-paper

Genetic analysis of the chromosomal region encoding lysophospholipase L_2 of *Vibrio cholerae* O1
S.A. Whayeb, K. Yamamoto, H. Tojo and T. Honda (Japan) 1

Review

Chemical biology of protein isoprenylation/methylation
R.R. Rando (USA) 5

Regular papers

Activation of human plasma cholesteryl ester transfer protein by human apolipoprotein A-IV
L.A. Main, T. Ohnishi and S. Yokoyama (Canada) 17

Formation of cholic acid and chenodeoxycholic acid from 7α-hydroxycholesterol and 27-hydroxycholesterol by primary cultures of human hepatocytes
G. Sauter, S. Fischer, S. Pahernik, H.-G. Koebe and G. Paumgartner (Germany) 25

Interleukin 1 stimulates cholesterol esterification and cholesterol deposition in J774 monocytes-macrophages
C. Mazière, V. Barbu, M. Auclair and J.-C. Mazière (France) 30

Accumulation of 1-*o*-alkyl-2,3-diacylglycerols in cultured rat keratinocytes
H. Oku, J. Shudo, J. Nagata and I. Chinen (Japan) 35

Identification of an alkaline sphingomyelinase activity in human bile
L. Nyberg, R.-D. Duan, J. Axelson and Å. Nilsson (Sweden) 42

Oleic acid-rich fats increase the capacity of postprandial serum to promote cholesterol efflux from Fu5AH cells
S.W. Sakr, C. Senault, D. Vacher, N. Fournier and A. Girard-Globa (France) 49

Subsection

Suicide inactivation of porcine leukocyte 12-lipoxygenase associated with its incorporation of 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid derivative
K. Kishimoto, M. Nakamura, H. Suzuki, T. Yoshimoto, S. Yamamoto, T. Takao, Y. Shimonishi and T. Tanabe (Japan) 56

Characterization of the sphingomyelin content of isolated pancreatic islets. Evaluation of the role of sphingomyelin hydrolysis in the action of interleukin-1 to induce islet overproduction of nitric oxide
G. Kwon, A. Bohrer, X. Han, J.A. Corbett, Z. Ma, R.W. Gross, M.L. McDaniel and J. Turk (USA) 63

Regular section

Announcement: New Subsection of Lipids & Lipids Metabolism v

Review

Pre-β HDL: structure and metabolism
A. Barrans, B. Jaspard, R. Barbaras, H. Chap, B. Perret and X. Collet (France) 73

Regular papers

Long-term effect of tetradecylthioacetic acid: a study on plasma lipid profile and fatty acid composition and oxidation in different rat organs
D.K. Asiedu, L. Frøyland, H. Vaagenes, Ø. Lie, A. Demoz and R.K. Berge (Norway) 86

Surfactant protein B metabolism in newborn rabbits
M. Henry, M. Ikegami, T. Ueda and A. Jobe (USA) 97

Alterations in the physicochemical characteristics of low and high density lipoproteins after lipolysis with phospholipase A_2. A spin-label study
I.N. Gorshkova, M. Menschikowski and W. Jaross (Russia, Germany) 103

Bumetanide is not transported by the Ntcp or by the oatp: evidence for a third organic anion transporter in rat liver cells
J.A. Horz, W. Honscha and E. Petzinger (Germany) 114

Distribution of myristoyl-CoA:protein *N*-myristoyl transferase activity in rabbit intestine
B.A. Magnuson, R.V.S. Raju and R.K. Sharma (Canada) 119

Changes in phosphatidylcholine liposomes caused by a mixture of Triton X-100 and sodium dodecyl sulfate
A. De la Maza and J.L. Parra (Spain) 125

Increased expression of scavenger receptor type I gene in human peripheral blood from hyperlipidemic patients determined by quantitative additive RT-PCR
J. García Villanova, J.L. Diéguez Lucena, N. Fernández Arcás and A. Reyes Engel (Spain) 135

Subsection

Metabolism of arachidonic acid by canine polymorphonuclear leukocytes synthesis of lipoxygenase and omega-oxidized metabolites
M. Rosolowsky, J.R. Falck and W.B. Campbell (USA) 143

Regular section

Announcement: New Subsection of Lipids & Lipids Metabolism *iv*

Information for Contributors *v*

Review

Chylomicron assembly and catabolism: role of apolipoproteins and receptors
M.M. Hussain, R.K. Kancha, Z. Zhou, J. Luchoomun, H. Zu and A. Bakillah (USA) 151

Regular papers

15-Hydroperoxyeicosapentaenoic acid inhibits arachidonic acid metabolism in rabbit platelets more potently than eicosapentaenoic acid
M. Tsunomori, Y. Fujimoto, E. Muta, H. Nishida, S. Sakuma and T. Fujita (Japan) 171

The role of ceramides 1 and 2 in the stratum corneum lipid organisation
J.A. Bouwstra, K. Cheng, G.S. Gooris, A. Weerheim and M. Ponec (The Netherlands) 177

Comparison of acceptor and donor substrates in the CoA-independent transacylase reaction in human neutrophils
A.B. Nixon, D.G. Greene and R.L. Wykle (USA) 187

Regulation of prostaglandin synthesis in Madin Darby canine kidney cells: role of prostaglandin G/H synthase and secreted phospholipase A_2
H.J. Schaefers, J. Haselmann and M. Goppelt-Struebe (Germany) 197

Correlation between level of $(n-3)$ polyunsaturated fatty acids in brain phospholipids and learning ability in rats. A multiple generation study
M.M. Jensen, T. Skarsfeldt and C.-E. Høy (Denmark) 203

Inhibition of cholesterylester accumulation by 17β-estradiol in macrophages through activation of neutral cholesterol esterase
T. Tomita, F. Sawamura, R. Uetsuka, T. Chiba, S. Miura, M. Ikeda and I. Tomita (Japan) 210

Induction of lipid–protein mismatch by xenobiotics: kinetic cooperativity
H. Sandermann Jr. and D. Pflugmacher (Germany) 219

Reversible inhibition by protamine of human synovial and rabbit platelet secretory phospholipase A_2
S. Emadi, I. Elalamy, B.B. Vargaftig and M. Hatmi (France) 226

Characterization of inositolphospholipids in *Trypanosoma cruzi* trypomastigote forms
M.L. Uhrig, A.S. Couto, W. Colli and R.M. De Lederkremer (Argentina, Brazil) 233

Subsection

The effect of leukotrienes B and selected HETEs on the proliferation of colon cancer cells
C. Bortuzzo, R. Hanif, K. Kashfi, L. Staiano-Coico, S.J. Shiff and B. Rigas (USA) 240

Cumulative Contents, Vol. 1300 247

Author Index 249